

FIG. 1

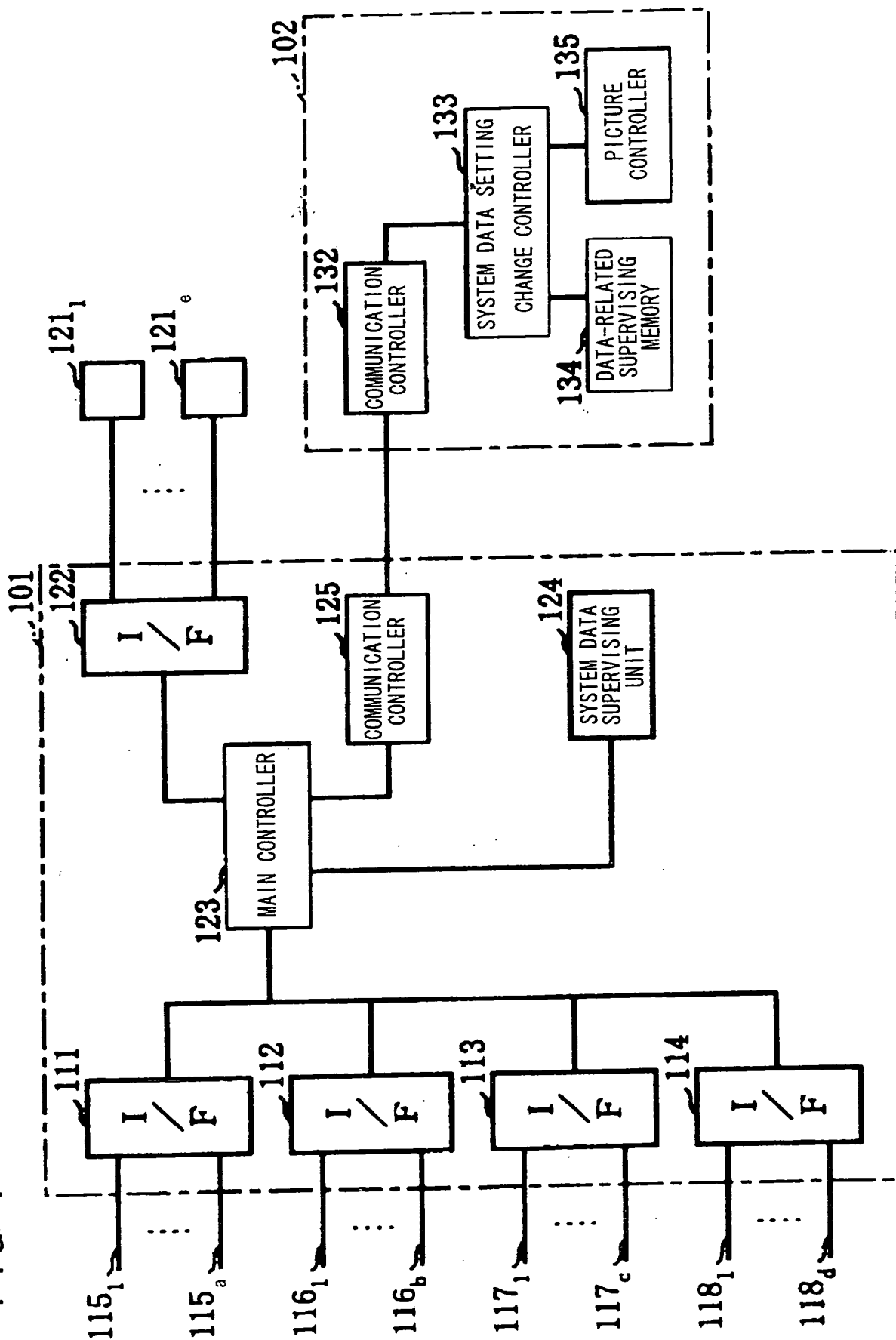
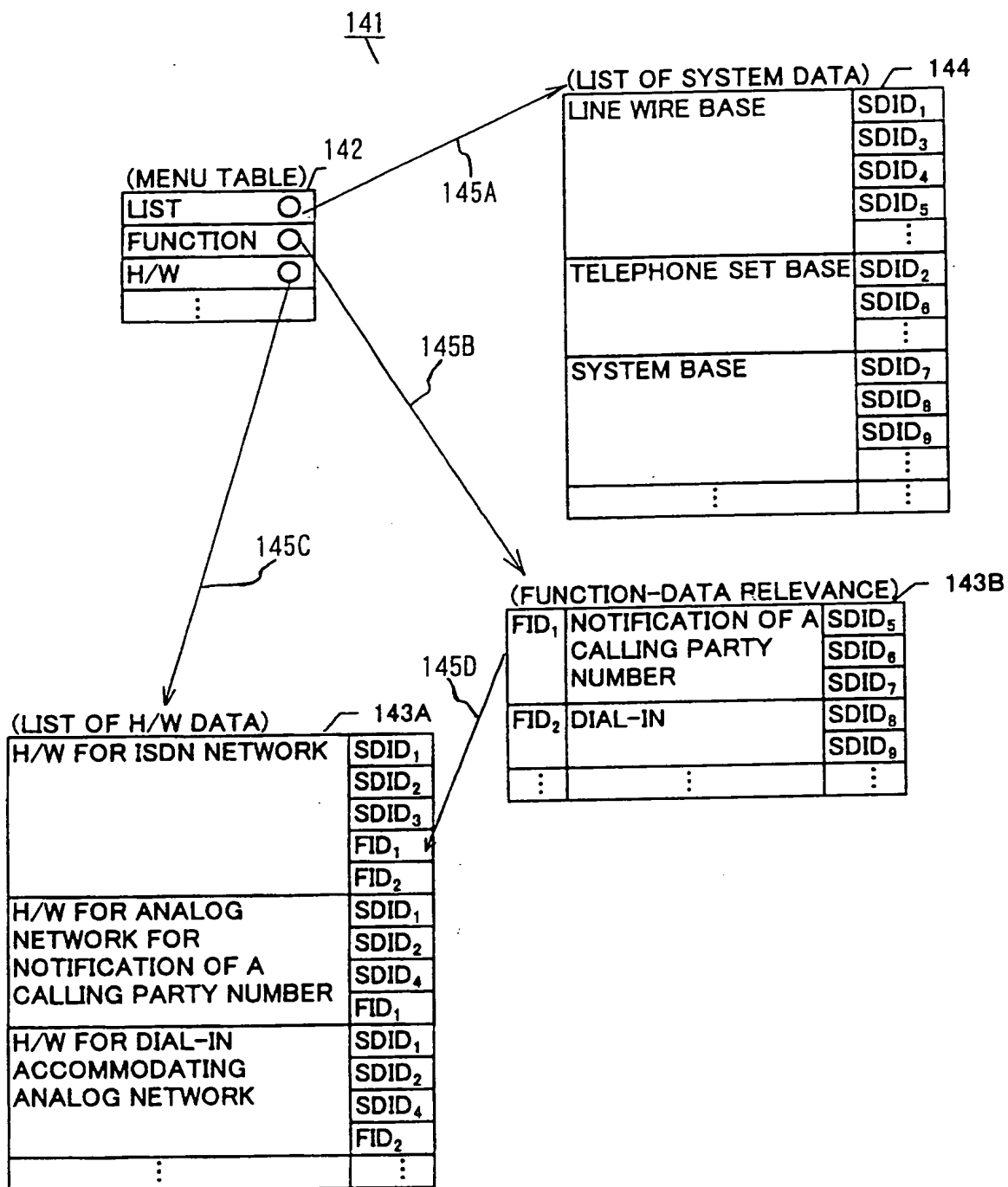


FIG. 2



**Figure 6**

Figure 6 displays eight histograms showing the distribution of the number of nodes per cluster for different values of  $\alpha$ . The x-axis for all plots is labeled "Nodes per Cluster" and ranges from 0 to 10. The y-axis is labeled "Frequency". The plots are arranged in two rows of four.

- Top row (left to right):
  - $\alpha = 0.0$ : Distribution centered around 1 node.
  - $\alpha = 0.1$ : Distribution centered around 1 node.
  - $\alpha = 0.2$ : Distribution centered around 1 node.
  - $\alpha = 0.3$ : Distribution centered around 1 node.
- Bottom row (left to right):
  - $\alpha = 0.4$ : Distribution centered around 1 node.
  - $\alpha = 0.5$ : Distribution centered around 1 node.
  - $\alpha = 0.6$ : Distribution centered around 1 node.
  - $\alpha = 0.7$ : Distribution centered around 1 node.

The distributions are generally unimodal and concentrated at low node counts (1-3), indicating a power-law-like behavior where most clusters contain a small number of nodes.

(SYSTEM DATA)

SDID <sub>1</sub>	H/W REGISTRATION
SDID <sub>2</sub>	REGISTER LINE WIRE TO A TELEPHONE SET BUTTON
SDID <sub>3</sub>	CALL SOUND VOLUME CONTROL
SDID <sub>4</sub>	REGISTRATION OF DIAL TYPE (DP/PB)
SDID <sub>5</sub>	REGISTRATION OF CALLING PARTY NUMBER DEMONSTRATING TELEPHONE SET
SDID <sub>6</sub>	NAME CALLING PARTY NUMBER CHANGED?
SDID <sub>7</sub>	NAME REGISTRATION FOR CALLING PARTY NUMBER
SDID <sub>8</sub>	NUMBER OF SIGNIFICANT DIAL-IN DIGITS
SDID <sub>9</sub>	CORRELATION BETWEEN DIAL AND TELEPHONE SET NUMBER
∴	∴



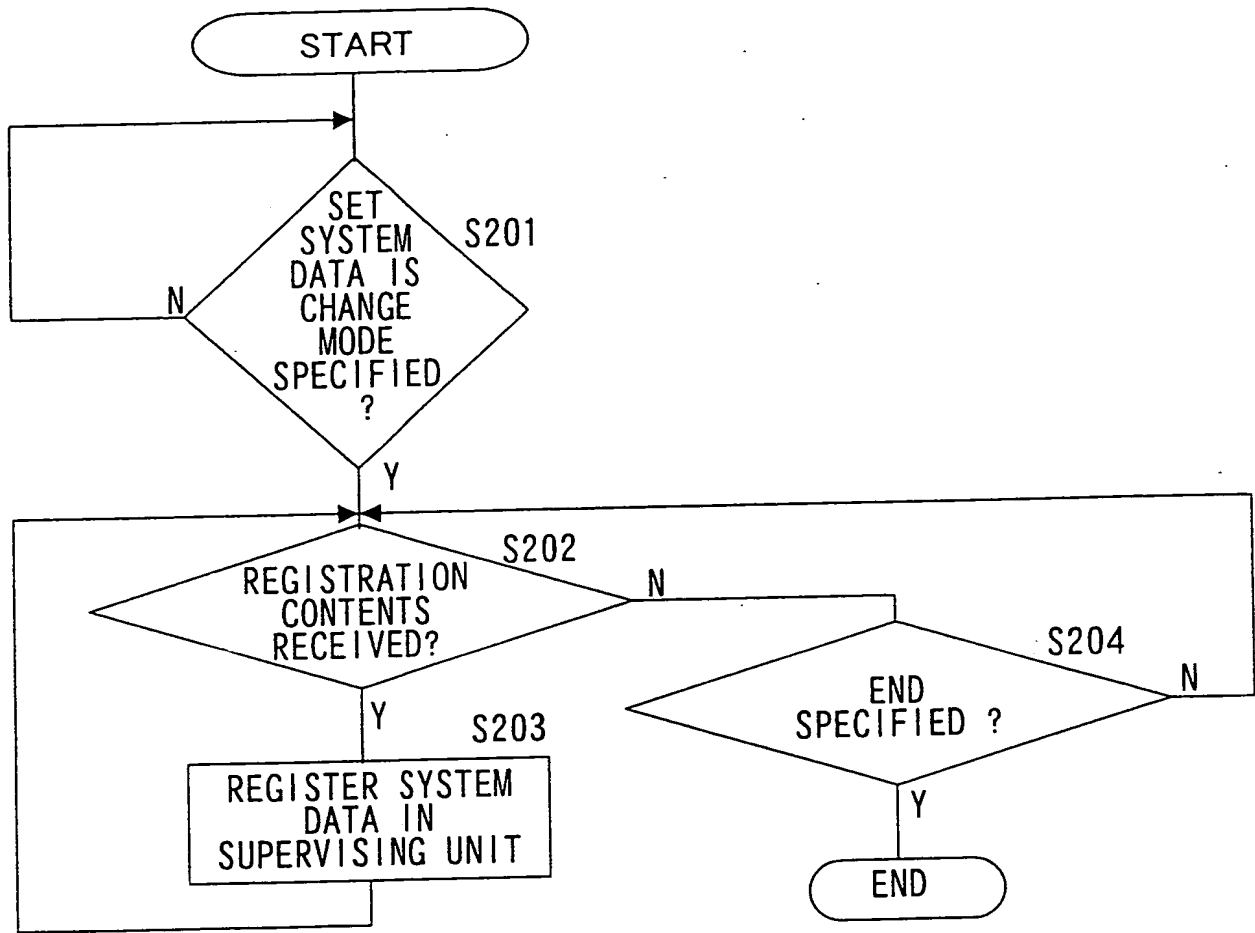
FIG. 5

143B

DISPLAY OF CALLING PARTY NUMBER
DIAL-IN
AUTOMATIC STATION SELECTION AND TRANSMISSION
TRANSMISSION OVER SPECIFIED LINE WIRE
RE-TRANSMISSION
AUTOMATIC RE-TRANSMISSION
STOCK DIAL
SAVE DIAL
SHORTCUT DIAL
LINE WIRE TRANSMISSION RULE
NOT DIAL-IN
RECEPTION NUMERAL CONVERSION
LINE WIRE TERMINATION SOUND DESIGNATION
AUTOMATIC STATION SELECTION RESPONSE
SEQUENTIAL TERMINATION DISTRIBUTION
CONFERENCE CALL
LINE WIRE TRANSMISSION
ABSENCE SETTING
CALL RESERVED
TENANT SETTING
GROUP CALL-OUT
DOOR-PHONE
HANDS-FREE CALL
VOICE MAIL SERVICE
CALL RECORDING
FUNCTION REGULATING CLASS
BGM BROADCAST
CALL FEE DISPLAY
:

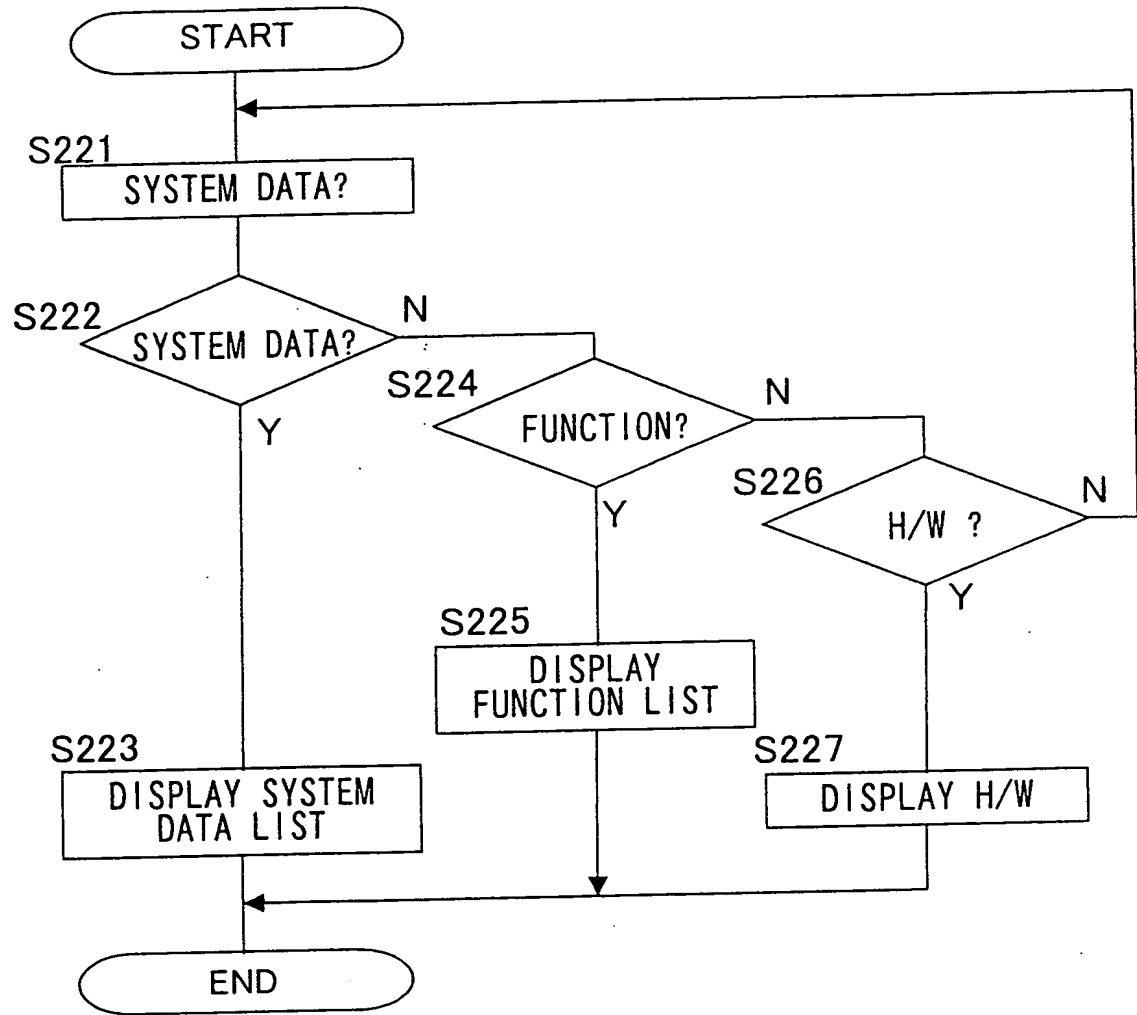
[illegible]

FIG. 6



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FIG. 7

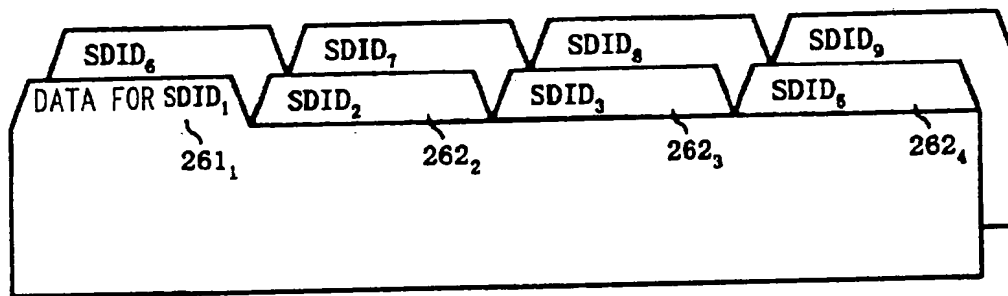


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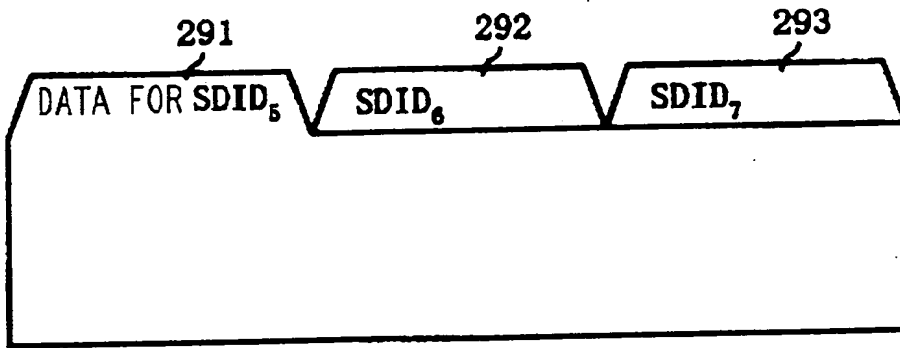


FIG. 9



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FIG. 10



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FIG. 11

SDID<sub>1</sub> 331

SELECT SLOT FOR REGISTRATION  
SELEDTED H/W

333 335 334 337  
336 338

SELEDTED H/W 332

REGISTER ☐ 441 CANCEL ☐ 442





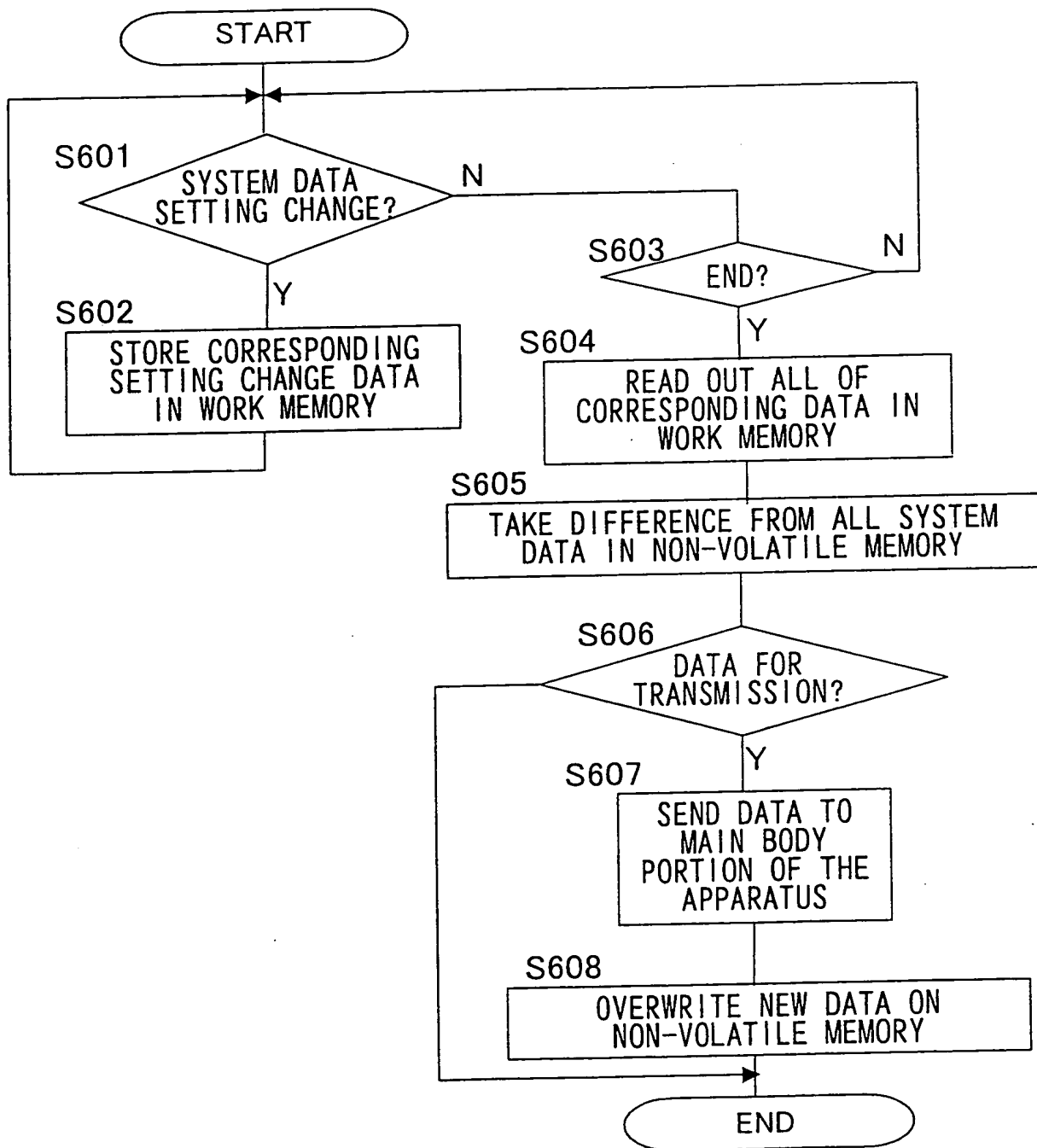
FIG. 14

531

H/W FOR ISDN NETWORK
H/W FOR ANALOG NETWORK FOR NOTIFICATION OF A CALLING PARTY NUMBER
H/W FOR DIAL-IN ACCOMMODATING ANALOG NETWORK
⋮

00619893-071900

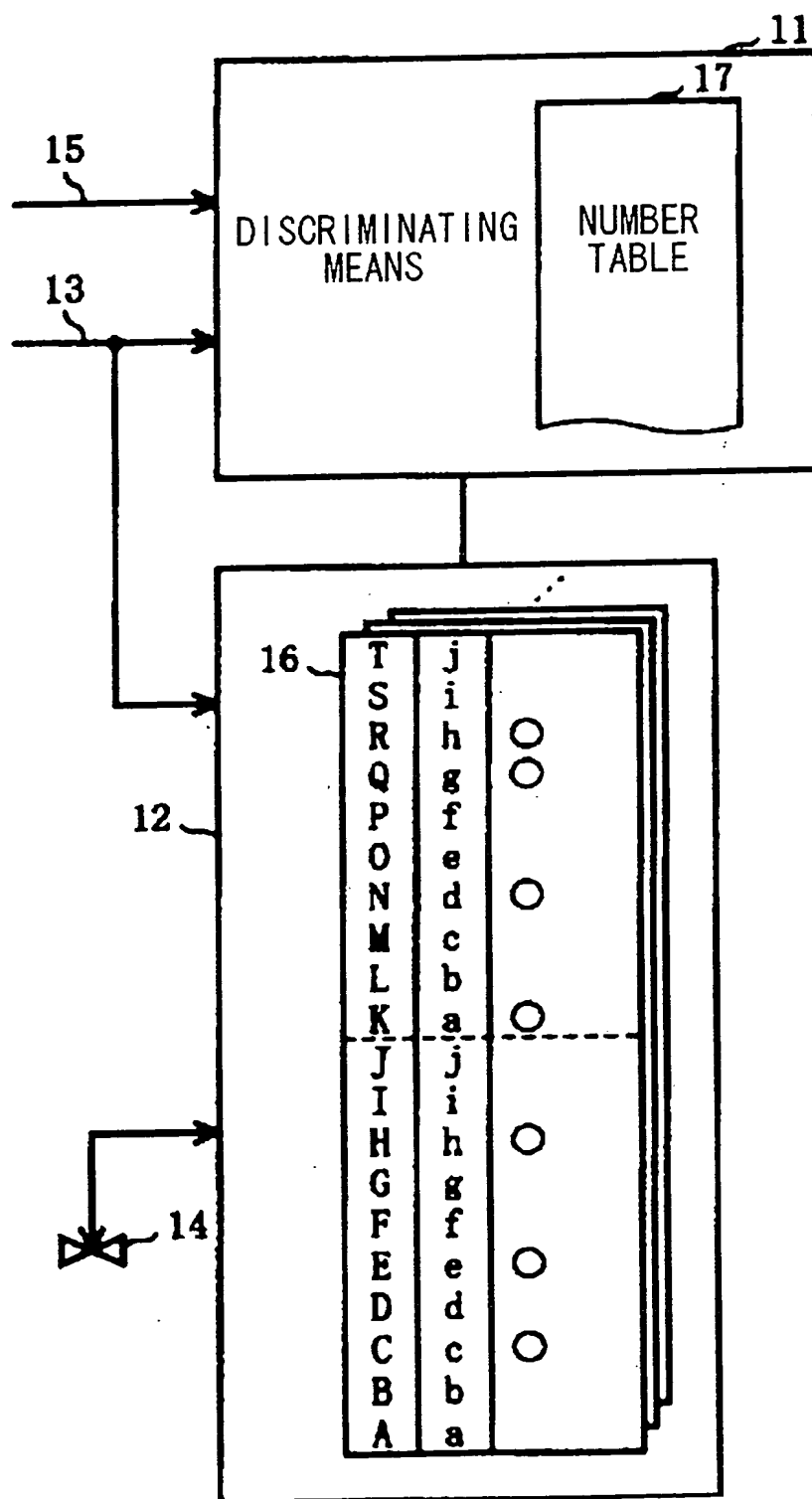
FIG. 15



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FIG. 16

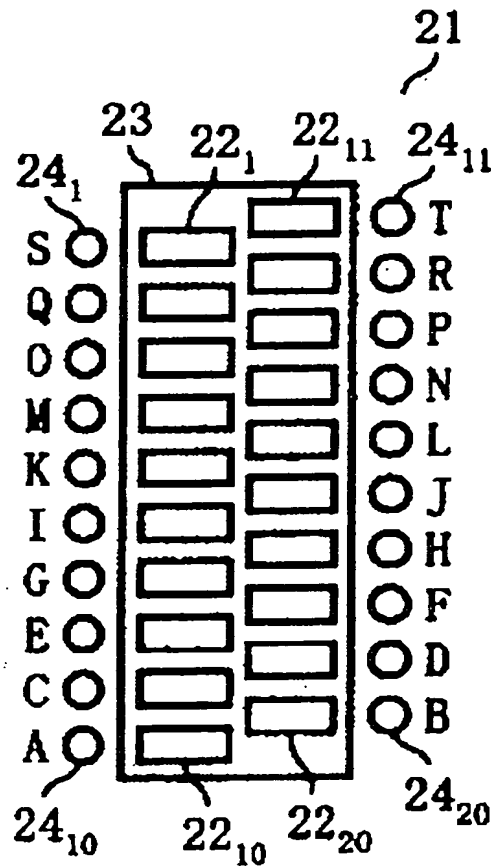
PRIOR ART



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FIG. 17 PRIOR ART



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FIG. 18

PRIOR ART

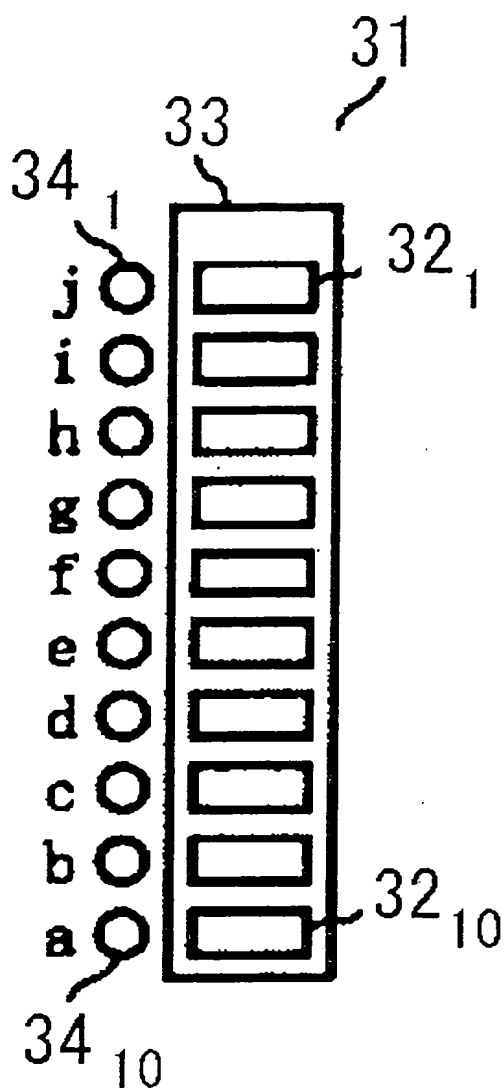


FIG. 19

PRIOR ART

